

10/541713

Rec'd PCT/PTO 08 JUL 2005

PCT/NL 03/00879

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F24H1/00 F24H1/20

According to International Patent Classification (IPC) or in both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F24H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 559 201 C (ERWIN SLAWIK) 17 September 1932 (1932-09-17) the whole document -----	1-4,7, 10,12
X	US 5 850 503 A (ONKEN DONALD R) 15 December 1998 (1998-12-15) figures -----	1-4,7, 10,12
X	US 4 803 343 A (MASHINO NOBUYOSHI ET AL) 7 February 1989 (1989-02-07) figures -----	1,3,4,8, 13
X	JP 61 162925 A (KASHIWAJIMA MITSUTOSHI) 23 July 1986 (1986-07-23) figures -----	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

31 March 2004

Date of mailing of the international search report

07/04/2004

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